

FIG. 1

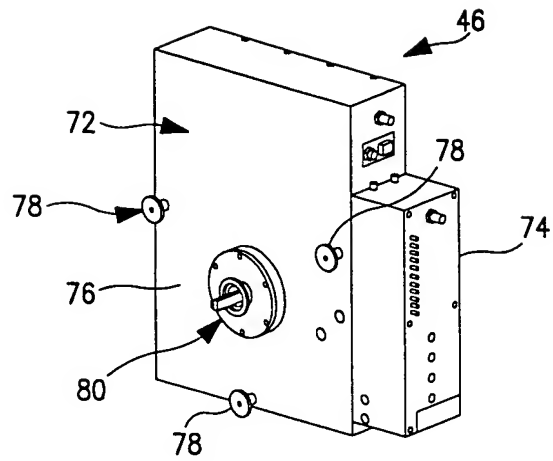


FIG. 2

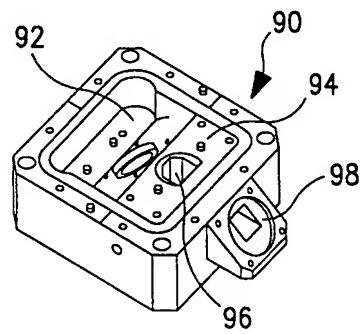


FIG. 3a

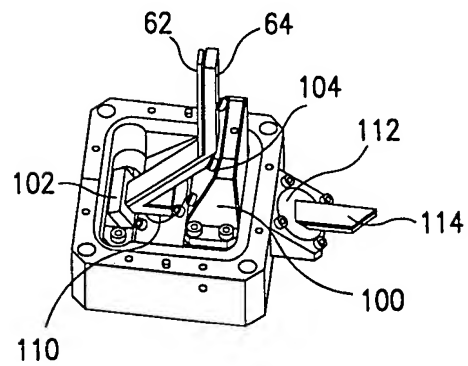


FIG. 3b

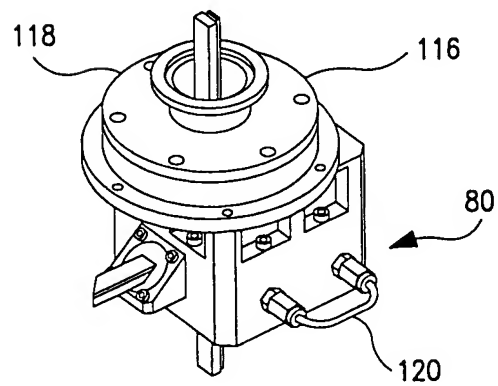


FIG. 3c

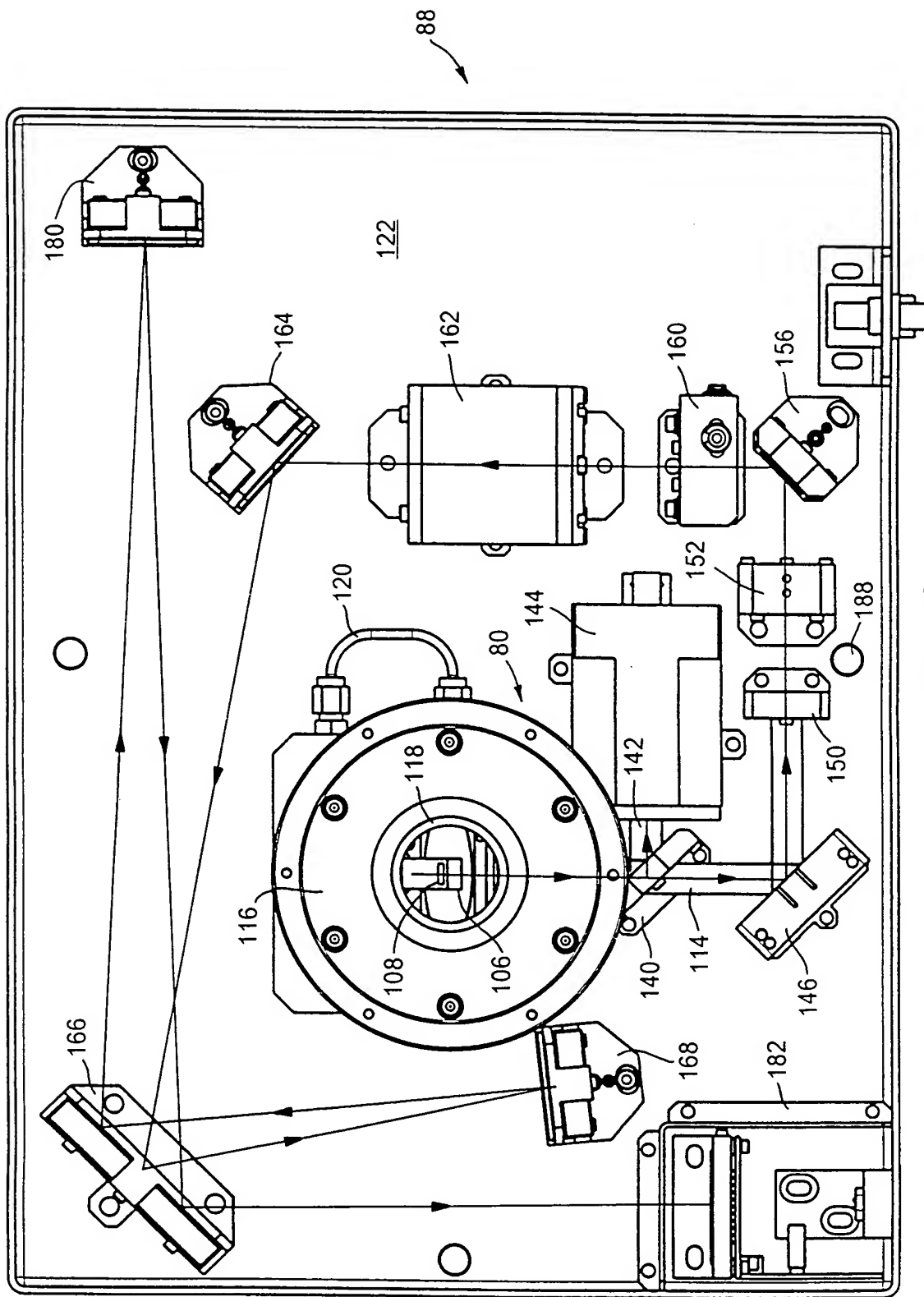


FIG. 4

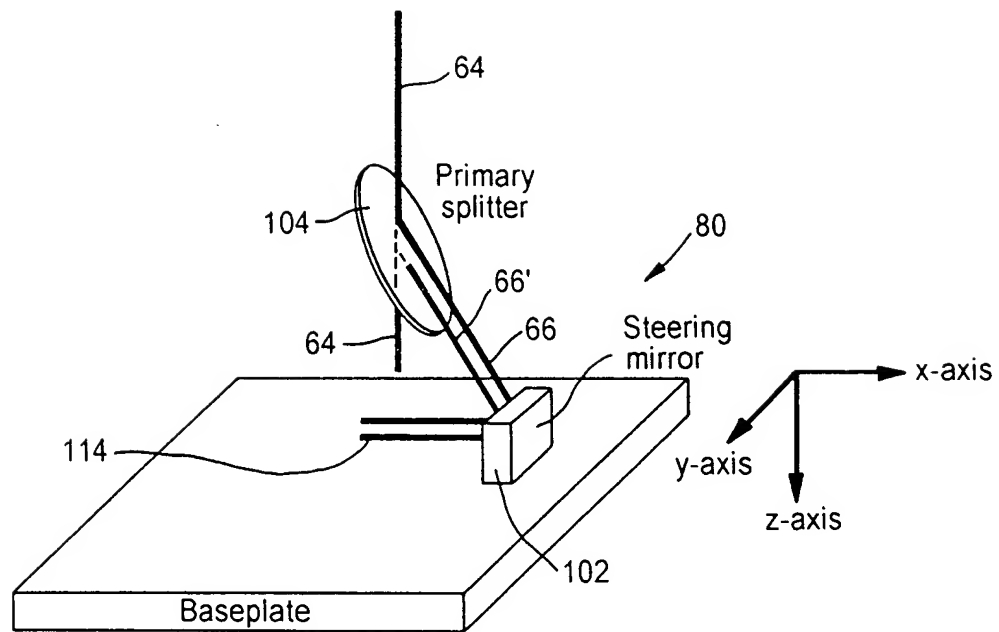


FIG. 5

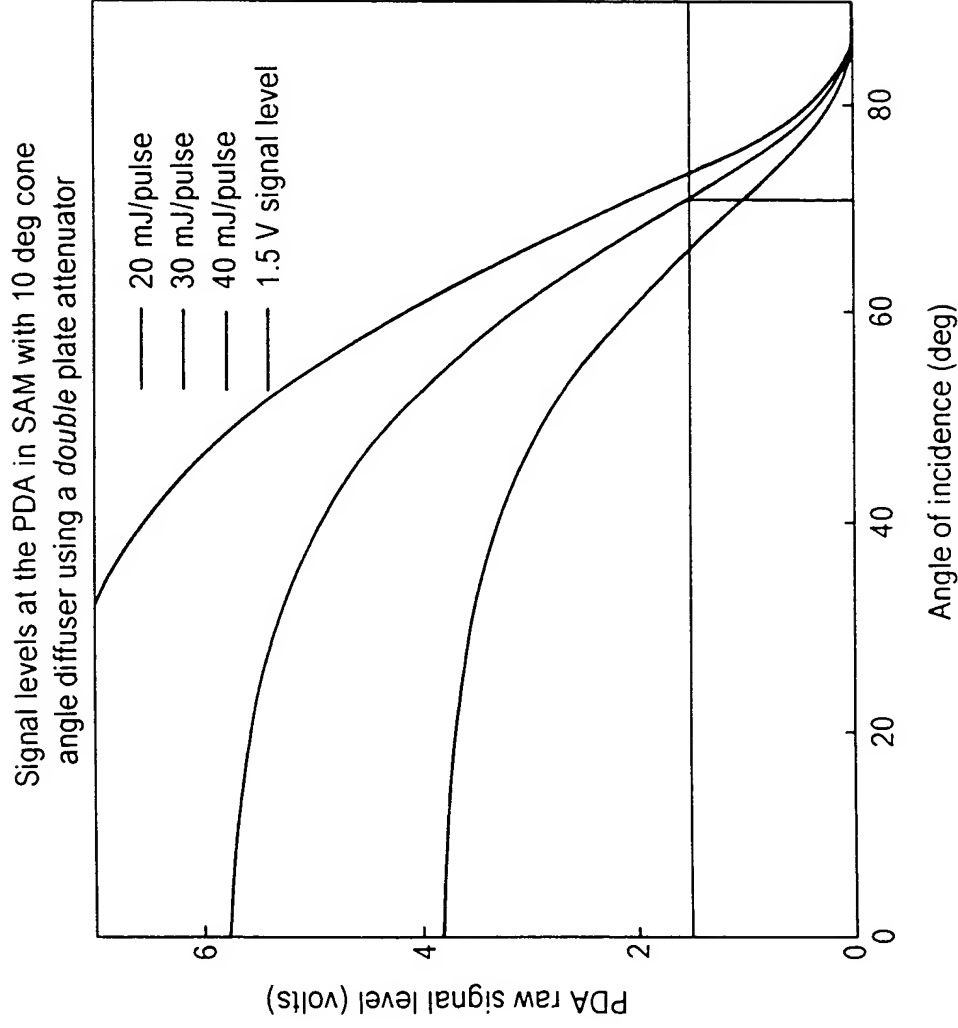


FIG. 6

Angle of incidence at attenuators:
(full reflector at M1)

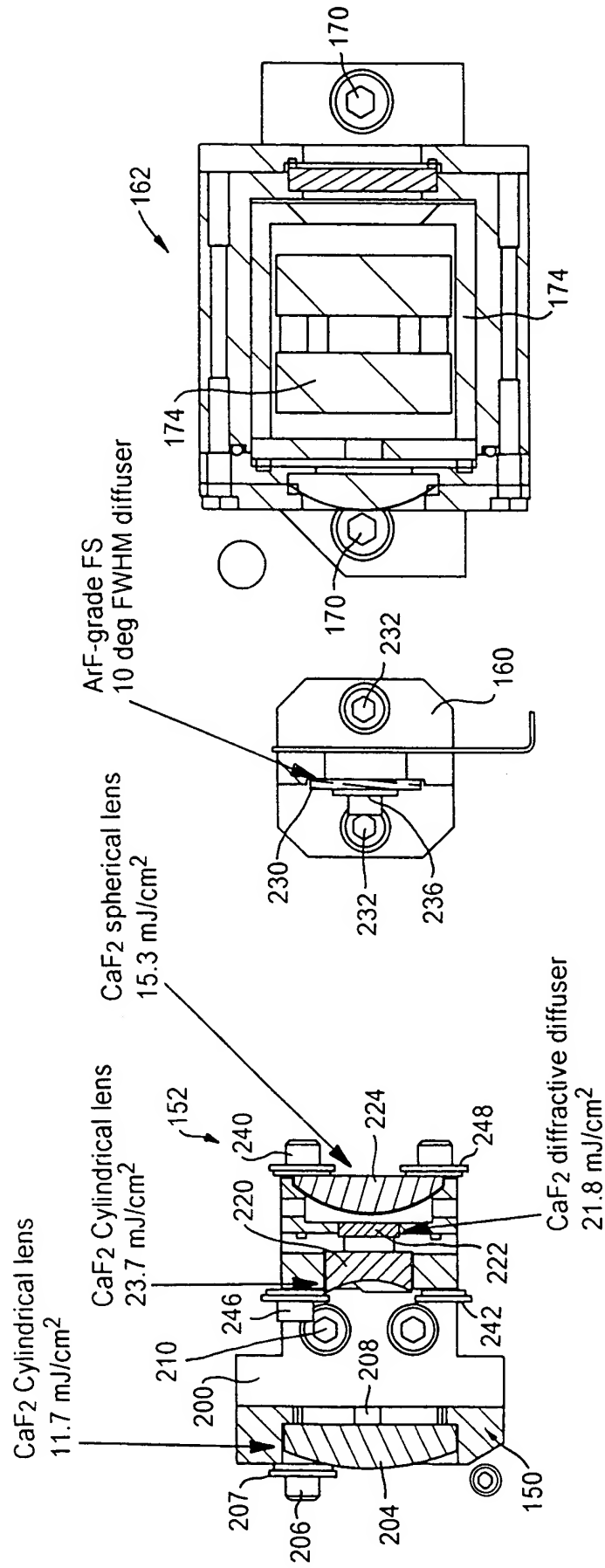
65.9 deg for 1.5 V @ 20 mJ/pulse

70.8 deg for 1.5 V @ 30 mJ/pulse

73.2 deg for 1.5 V @ 40 mJ/pulse

45 deg Fresnel reflection:

Signal expected to be 1.1 V @ 30 mJ/pulse



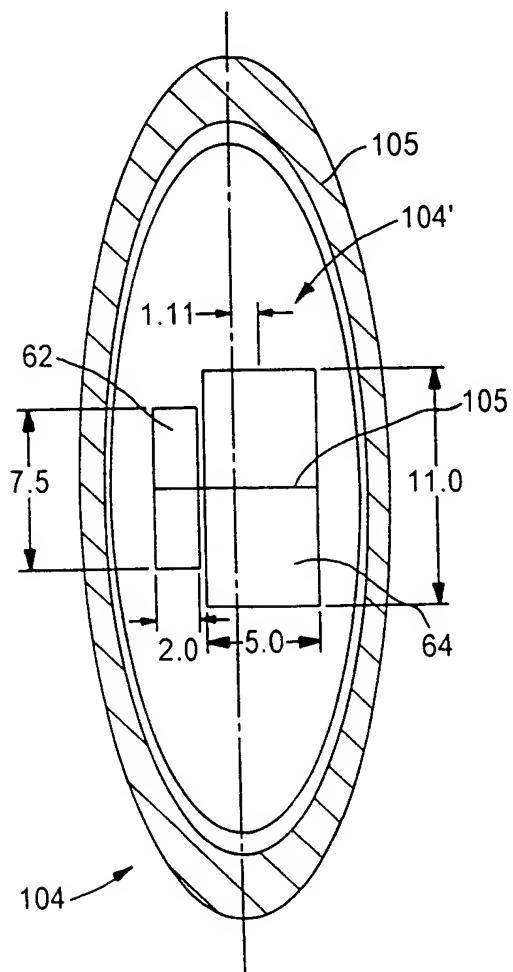


FIG. 8a

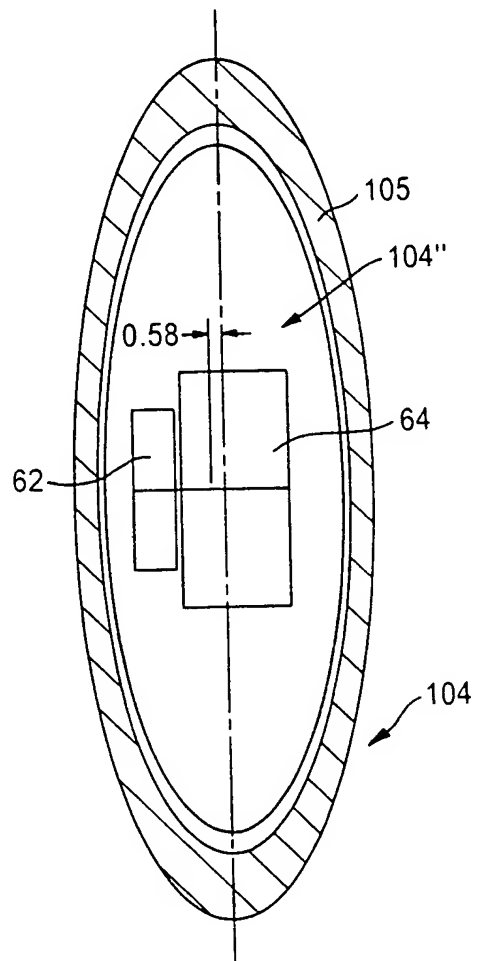


FIG. 8b



FIG. 9a

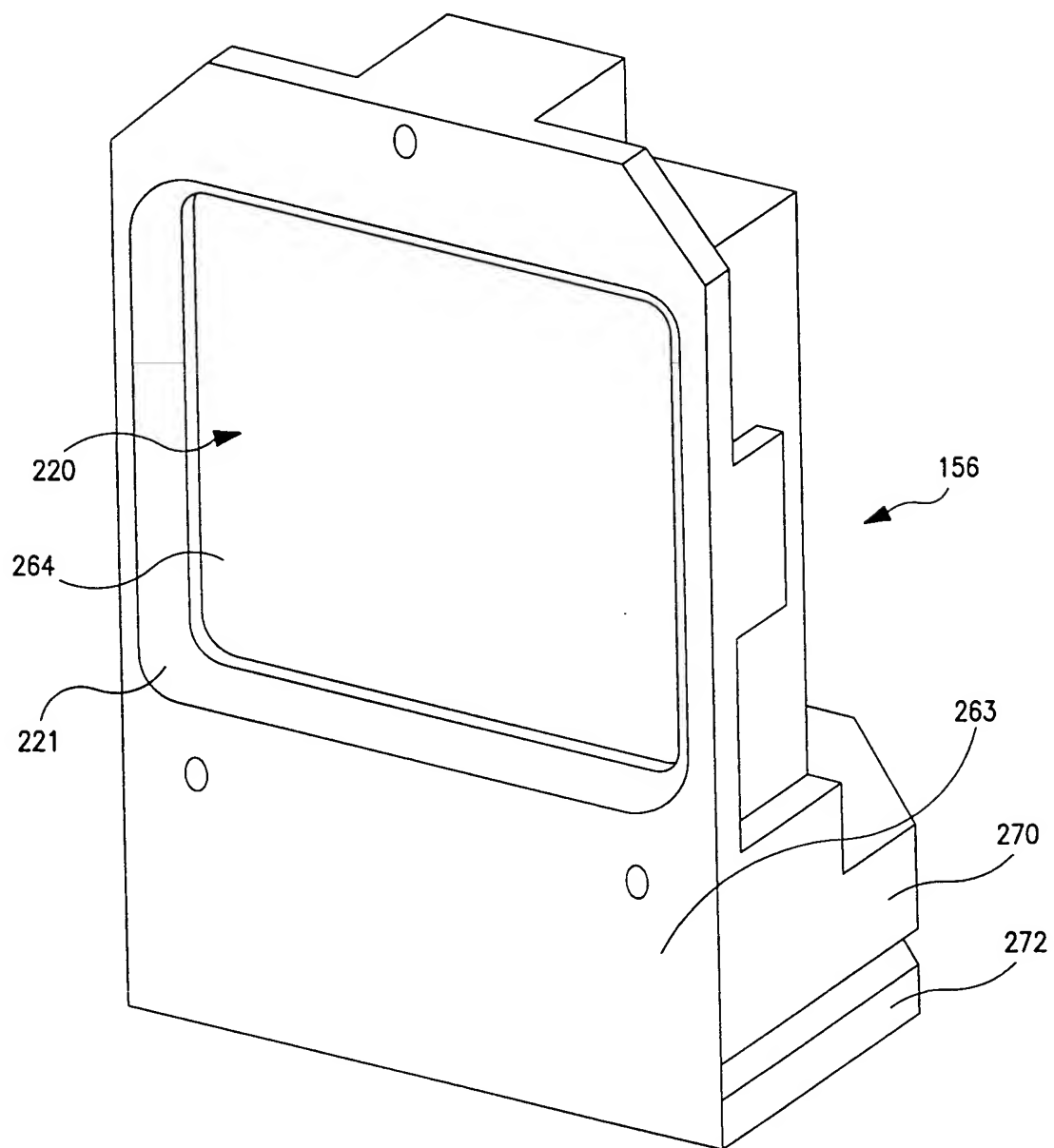


FIG. 9b

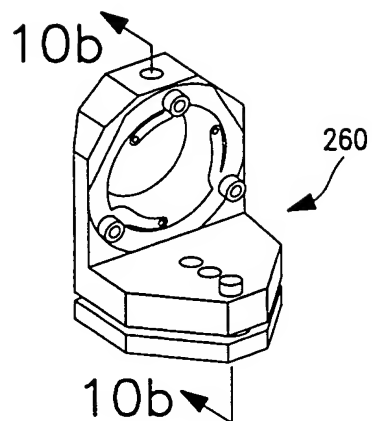


FIG. 10a

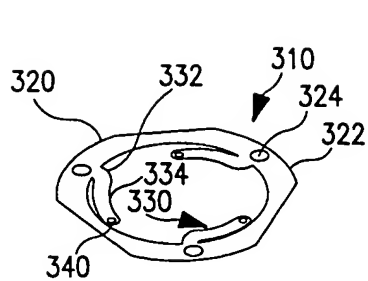


FIG. 10c

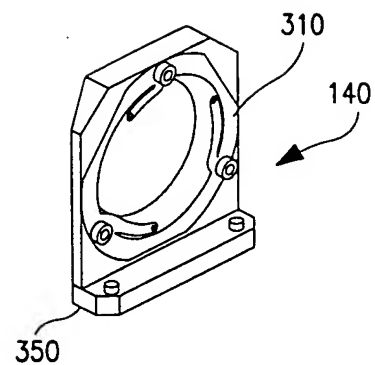


FIG. 11

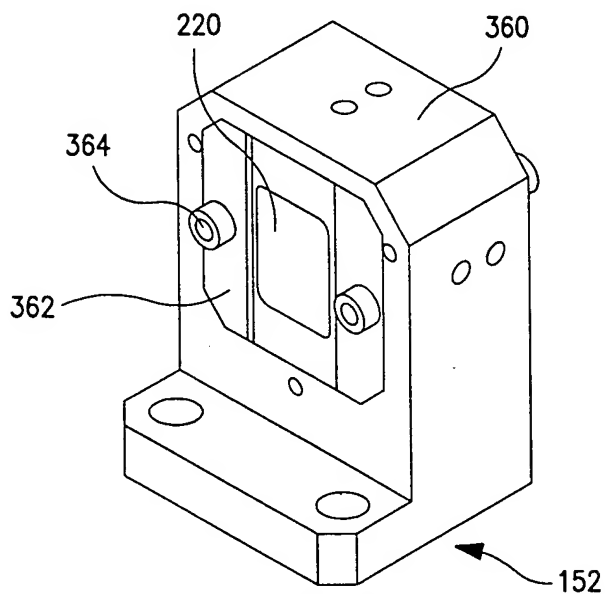


FIG. 12a

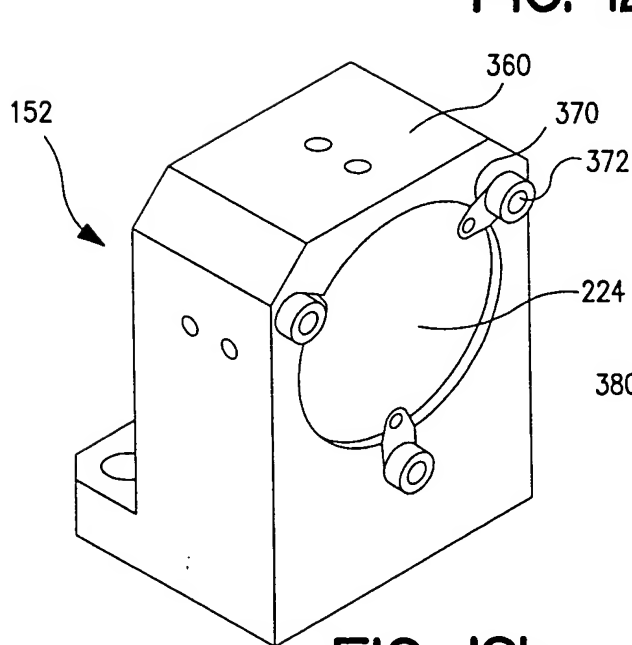


FIG. 12b

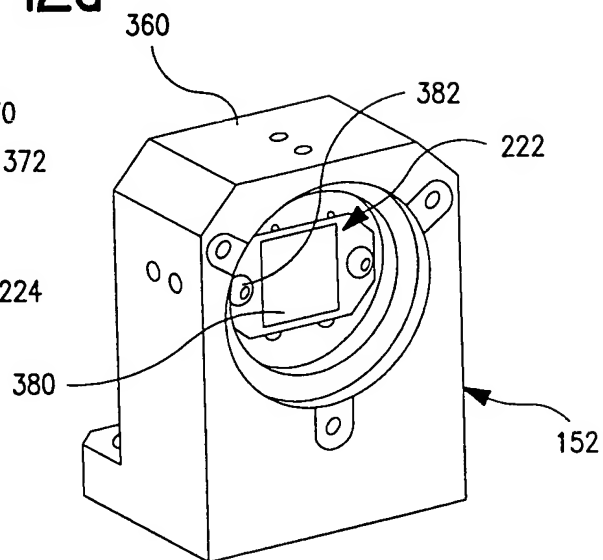


FIG. 12c

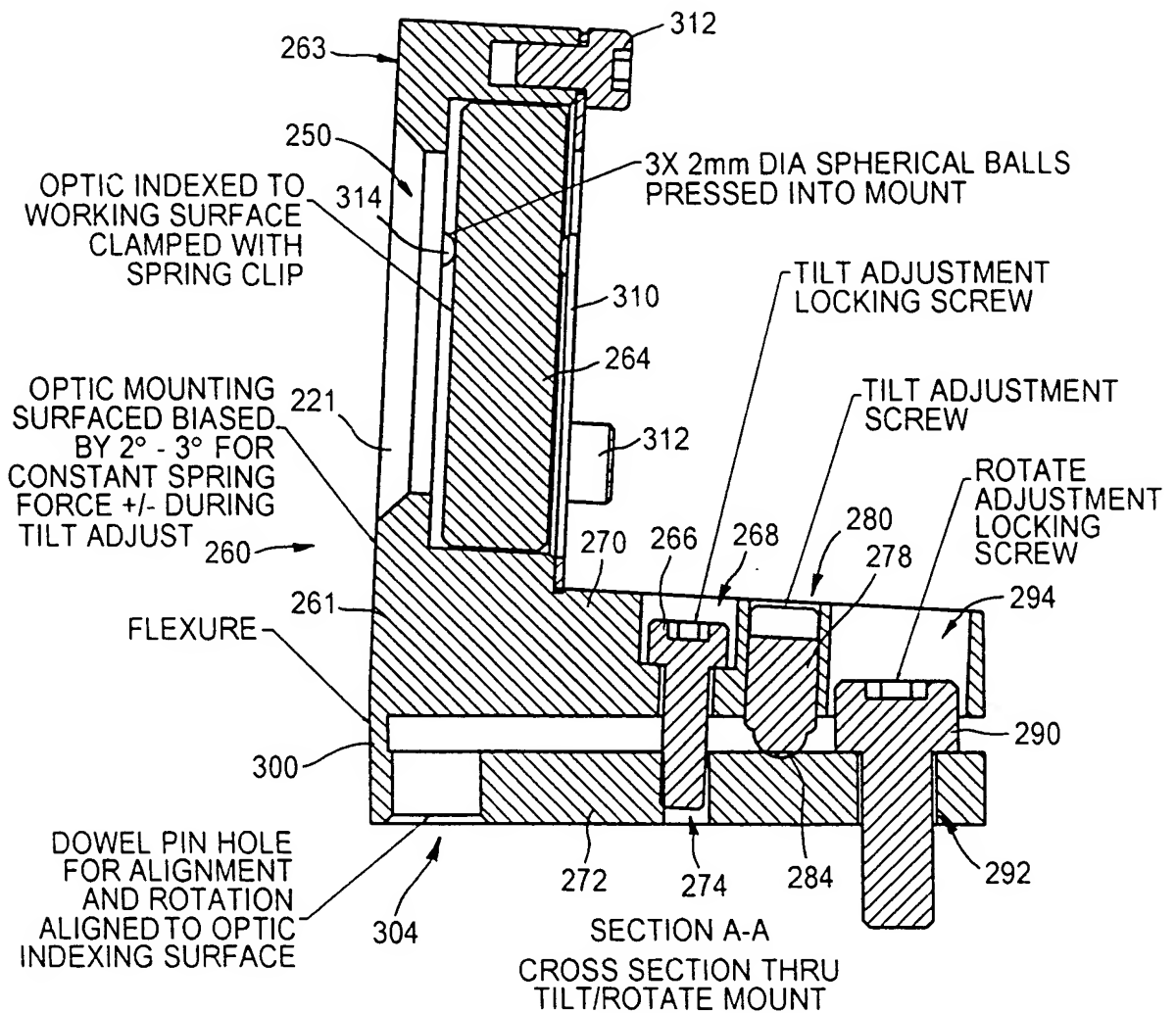


FIG. 10b

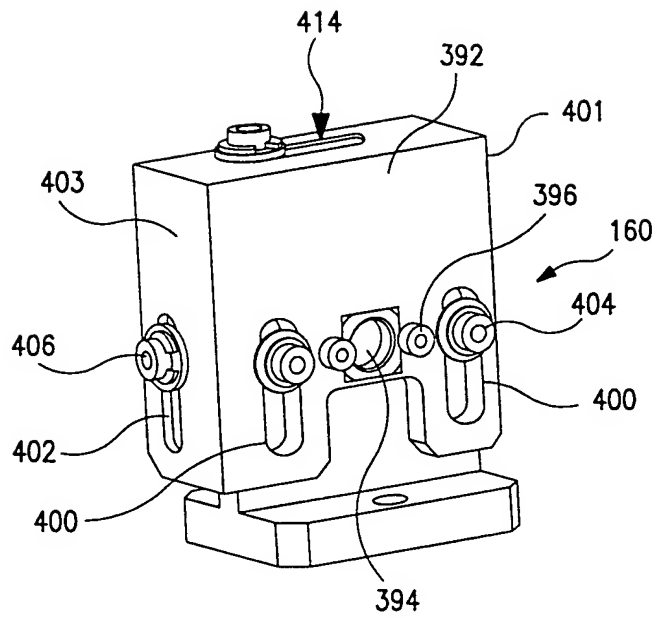


FIG. 13a

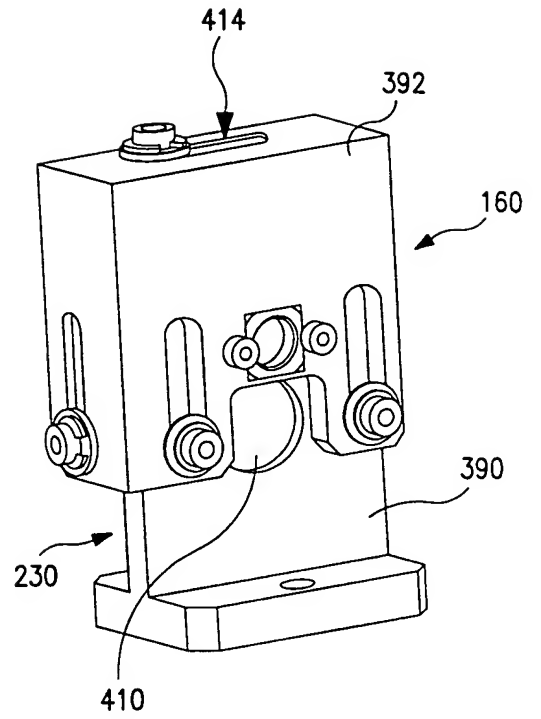


FIG. 13b

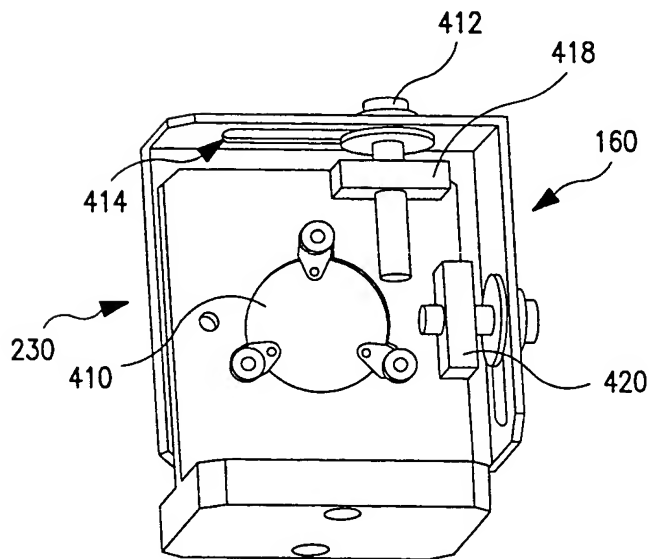


FIG. 13c

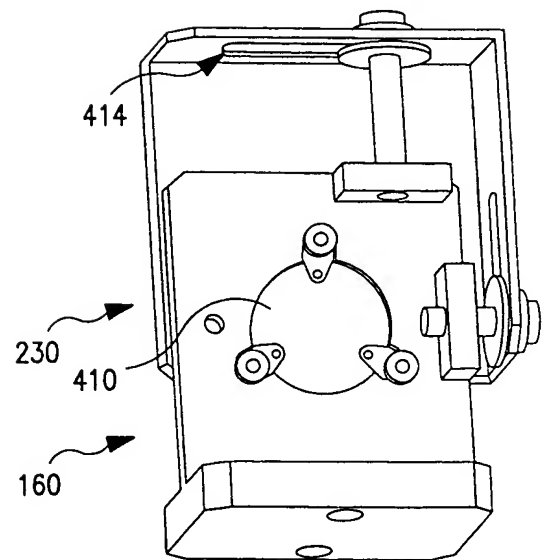


FIG. 13d